



## **CLAIMS**

What is claimed is:

1. A method for tracking in real-time the location of a group of members within a defined environment and for providing information to any member of the group about the location of any other members of the group, comprising:

providing each member with an identification tag, each tag having a unique serial number;

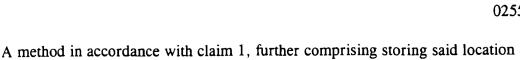
associating each member with the group and with the unique serial number; communicating with each tag as said members move within said defined environment, said communicating providing information indicative of said unique serial number; and

determining location information of each member from said communicating.

- A method in accordance with claim 1, further comprising:
   requesting location information of each member by a requesting member; and
   providing said location information of each member to said requesting member.
- 3. A method in accordance with claim 2, wherein said providing said location information comprises displaying a map of said defined environment on a monitor and an indication of each member on said map.
- 4. A method in accordance with claim 2, wherein said requesting comprises interaction between the requesting member and a graphical user interface.
- 5. A method in accordance with claim 4, wherein said graphical user interface comprises a touch screen system.

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information of each user for a fixed period.



- 7. A method in accordance with claim 1, further comprising obtaining demographic information for each member of said group.
- 8. A method in accordance with claim 7, wherein said demographic information includes age of each member.
- 9. A method in accordance with claim 1, further comprising associating each member with an icon for representation on a monitor.
- 10. A method in accordance with claim 1, further comprising: returning a tag provided to a member; and disassociating said member from said group.
- 11. A method in accordance with claim 1, wherein said disassociating includes deleting said member from a member list associated with said group.
- 12. A method in accordance with claim 1, further comprising:

  returning a tag provided to a member;

  disassociating said member from said unique serial number of said tag;

  providing said member with a new tag having a new serial number; and associating said member with said new serial number.
- 13. A method in accordance with claim 1, further comprising:
  disassociating said member from said group; and
  associating said member with a new group.